STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF SPUR ENERGY PARTNERS LLC FOR APPROVAL OF A PRESSURE MAINTENANCE PROJECT, EDDY COUNTY, NEW MEXICO.

CASE NO._____

APPLICATION

Spur Energy Partners LLC ("Spur") (OGRID No. 328947), through its undersigned attorneys, hereby files this application with the Oil Conservation Division for an order approving a pressure maintenance project in the Yeso formation underlying a project area comprised of portions of Sections 8, 9, 16, and 17, all in Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico. In support of its application, Spur states:

1. Spur seeks approval to inject produced gas into the **GJ West Coop Unit #212** (API No. 30-015-37290) at a total vertical depth of approximately 3,990 feet to approximately 5,180 feet.

2. Spur anticipates injection through this well will provide pressure maintenance support for its offsetting wells identified in **Exhibit A**, which are operated by Spur and drilled and completed in the GJ; 7RVS-QN-GB-Glorieta-Yeso Pool (Pool Code 97558).

3. The interval that will benefit from the proposed pressure maintenance constitutes the Paddock and Blinebry members of the Yeso formation, being the stratigraphic equivalent of 3,980 feet to the top of the Tubb at approximately 5,320 feet as identified in the GJ West Coop Unit #206 (API# 30-015-36704).

4. Spur seeks authority to inject produced gas into the GJ; 7RVS-QN-GB-Glorieta-Yeso (Pool Code 97558) at a maximum surface injection pressure of 1,040 psi with an average

surface injection pressure of approximately 676 psi. Spur proposes to inject produced gas at a maximum rate of 10 MMCF per day with an average daily injection rate of approximately 5 MMCF per day.

5. The source of produced gas will be from offsetting wells producing from the Glorieta-Yeso Pool.

6. The project area for this pressure maintenance injection project will comprise the following acreage in Eddy County:

Township 17 South, Range 29 East, NMPM
Section 8: SE/4 SE/4
Section 9: S/2
Section 16: N/2, N/2 S/2
Section 17: E/2 NE/4

7. A copy of the Form C-108 for this injection project is provided with this application as **Exhibit B**.

8. A copy of this Application has been provided to all affected parties as required by Division Rules and notice of the hearing on this application will be provided in a newspaper of general circulation in Eddy County.

9. Approval of this pressure maintenance project will result in the production of substantially more hydrocarbons from the project area than would otherwise be produced, will prevent waste, and will not impair correlative rights.

WHEREFORE, Spur Energy Partners LLC requests that this application be set for hearing before an Examiner of the Oil Conservation Division on November 2, 2023, and, after notice and hearing as required by law, the Division approve this application.

Respectfully submitted,

HOLLAND & HART LLP

By: _____

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ATTORNEYS FOR SPUR ENERGY PARTNERS LLC

Case No.:_____ **Application of Spur Energy Partners LLC for Approval of a Pressure Maintenance Project, Eddy County, New Mexico.** Applicant in the above-styled cause seeks an order approving a pressure maintenance project in the Yeso formation underlying a project area comprised Sections 8, 9, 16, and 17, all in Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico. Produced gas will be injected into the **GJ West Coop Unit #212** (API No. 30-015-37290) at a total vertical depth of approximately 3,990 feet to approximately 5,180 feet along the horizontal portion of this wellbore. The interval that will benefit from the proposed pressure maintenance constitutes the Paddock and Blinebry members of the Yeso formation, being the stratigraphic equivalent of 3,980 feet to the top of the Tubb at approximately 5,320 feet as identified in the GJ West Coop Unit #206 (API# 30-015-36704). The project area for this pressure maintenance injection project will comprise the following acreage in Eddy County:

Township 17 South, Range 29 East, NMPM
Section 8: SE/4 SE/4
Section 9: S/2
Section 16: N/2, N/2 S/2
Section 17: E/2 NE/4

Spur seeks approval to inject at a maximum surface injection pressure of 1,040 psi with an average surface injection pressure of approximately 676 psi. Spur proposes to inject produced gas at a maximum rate of 10 MMCF per day with an average daily injection rate of approximately 5 MMCF per day. The source of the produced gas will be the Glorieta-Yeso Pool. The proposed project is located approximately 19 miles east of Artesia, New Mexico.

EXHIBIT A

Well Name	Well Number	API
Tiger 9 State	5	30-015-37993
Folk Federal	16	30-015-39268
Tiger State 9	10	30-015-40941
G J West Coop Unit	161	30-015-35651
G J West Coop Unit	162	30-015-35652
G J West Coop Unit	181	30-015-36052
G J West Coop Unit	177	30-015-35984
G J West Coop Unit	187	30-015-36219
G J West Coop Unit	188	30-015-36225
G J West Coop Unit	200	30-015-36392
G J West Coop Unit	222	30-015-36701
G J West Coop Unit	202	30-015-36790
G J West Coop Unit	217	30-015-36702
G J West Coop Unit	210	30-015-36703
G J West Coop Unit	225	30-015-36799
G J West Coop Unit	206	30-015-36704
G J West Coop Unit	205	30-015-37069
G J West Coop Unit	219	30-015-36993
G J West Coop Unit	241	30-015-36999
G J West Coop Unit	230	30-015-37177
G J West Coop Unit	201	30-015-37287
G J West Coop Unit	204	30-015-37288
G J West Coop Unit	209	30-015-37227
G J West Coop Unit	218	30-015-37228
G J West Coop Unit	226	30-015-37229
G J West Coop Unit	232	30-015-37230
G J West Coop Unit	220	30-015-37149
G J West Coop Unit	208	30-015-37289
G J West Coop Unit	213	30-015-37291
G J West Coop Unit	216	30-015-37292
Darner 9 State	1	30-015-37633
G J West Coop Unit	203	30-015-37531
G J West Coop Unit	207	30-015-37538
G J West Coop Unit	211	30-015-37539
G J West Coop Unit	215	30-015-37540
G J West Coop Unit	224	30-015-37570
G J West Coop Unit	233	30-015-37566
Darner 9 State	070H	30-015-48728
Darner 9 State	050H	30-015-48726
Darner 9 State	010H	30-015-48727
Darner 9 State	2	30-015-37634
G J West Coop Unit	305	30-015-37671
G J West Coop Unit	223	30-015-37070

EXHIBIT B

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau –
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
   A. Location – Spacing Unit – Simultaneous Dedication
   ☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

   B. Check one only for [I] or [II]
   [I] Commingling – Storage – Measurement
   ☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
   [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
   ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
   A. ☐ Offset operators or lease holders
   B. ☐ Royalty, overriding royalty owners, revenue owners
   C. ☐ Application requires published notice
   D. ☐ Notification and/or concurrent approval by SLO
   E. ☐ Notification and/or concurrent approval by BLM
   F. ☐ Surface owner
   G. ☐ For all of the above, proof of notification or publication is attached, and/or,
   H. ☐ No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

_____ Date

_____ Print or Type Name

_____ Phone Number

_____ Signature

OSEEKINS@ALL-LLC.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery ___X___Pressure Maintenance _____Disposal _____Storage
Application qualifies for administrative approval? _____Yes _____No

II. OPERATOR: Spur Energy Partners LLC

ADDRESS: 9655 Katy Freeway, Suite 500, Houston, TX 77024

CONTACT PARTY: Sarah Chapman PHONE: 832-930-8502

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes ___X___No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

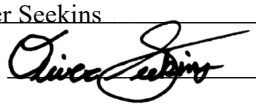
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Oliver Seekins TITLE: Consultant / Project Manager

SIGNATURE:  DATE: 9.29.2023

E-MAIL ADDRESS: Oseekins@all-llc.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Application for Authorization to Inject
Well Name: GJ West Coop Unit #212
API: 30-015-37290

III – Well Data (*The Wellbore Diagram is included as **Attachment 1***)

A.

(1) General Well Information:

Operator: Spur Energy Partners LLC (OGRID No. 328947)
Lease Name & Well Number: GJ West Coop Unit #212
Location Footage Calls: 990 FNL & 2,310 FWL
Legal Location: Unit Letter C, S16 T17S R29E
Ground Elevation: 3,574'
Proposed Injection Interval: 3,990' – 5,180'
County: Eddy

(2) Casing Information:

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC	Method Determined
Surface Casing	17.5"	13-3/8"	48 lb/ft	335'	800	Surface	Circulation
Intermediate Casing	11"	8-5/8"	24 lb/ft	843'	1,000	Surface	Circulation
Production Casing	7-7/8"	5-1/2"	17 lb/ft	5,494'	900	Surface	Circulation
Tubing	N/A	2-7/8"	6.5 lb/ft	3,940'	N/A	N/A	N/A

Note:

(3) Tubing Information:

2-7/8" (6.5 lb/ft) J-55 IPC tubing with a setting depth of 3,940'

(4) Packer Information: D&L Oil Tools ASI-X Packer or equivalent packer set at 3,940'

B.

(1) Injection Formation Name: Yeso Group
Pool Name: GJ; 7RVS-QN-GB-GLORIETA-YESO
Pool Code: 97558
(2) Injection Interval: Perforated injection between 3,990' – 5,180'
(3) Drilling Purpose: Recompletion for gas injection pressure maintenance
(4) Other Perforated Intervals: No other perforated intervals exist.
(5) Overlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

- Yates (885')
- Queen (1,747')
- San Andres (2,452')

Underlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

- Wolfcamp (7,122')
- Morrow (10,457')

Application for Authorization to Inject
Well Name: GJ West Coop Unit #212
API: 30-015-37290

V – Well and Lease Maps

A ½-mile well details table with casing and plugging information for each of the plugged penetrating wells, as well as the following maps, are included in ***Attachment 2***:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 2-mile Mineral Ownership Map
- 2-mile Surface Ownership map
- Potash Lease Map

VI – AOR Well List

There are 47 wells within the 1/2-mile AOR, of which 39 penetrate the injection zone. Each of the 39 penetrating wells have been properly cased and cemented to isolate the injection zone.

A list of the wells within the 1/2-mile AOR, and construction details for each well that penetrates the injection interval are included in ***Attachment 2***.

VII – Proposed Operation

(1) **Proposed Maximum Injection Rate:** 10 MMCF/day
Proposed Average Injection Rate: 5 MMCF/day
(2) A **closed system** will be used.
(3) **Proposed Maximum Injection Pressure**: 1,040 psi (surface)
Proposed Average Injection Pressure: approximately 676 psi (surface)
(4) **Source Injectate Analysis:** It is expected that the injectate will consist of gas produced from the Glorieta-Yeso Pool and re-injected into the same formations for the purposes of pressure maintenance ***Attachment 3***.

VIII – Geologic Description

The proposed injection interval includes the Yeso Group from 3,990 – 5,180 feet. The Yeso Group consists predominantly of dolomites and anhydritic dolomites, with some siltstones. These units are capable of taking gas produced from the subject formation(s) in the area.

The freshwater aquifers are the Artesian & Valley fill, with the base of the USDW being located at the base of the Rustler Formation at 343 feet. There are no active water wells in the area with depths to groundwater provided.

A structural cross-section and details of the proposed injection formation(s) within the project area are included in **Attachment 4.**

Application for Authorization to Inject
Well Name: GJ West Coop Unit #212
API: 30-015-37290

IX – Proposed & Previous Stimulation Program

This well was previously stimulated during its initial completion as a production well. Spur does not plan to restimulate the GJ West Coop Unit #212.

X – Logging and Test Data

Spur does not currently intend to run any additional logs.

XI – Fresh Groundwater Samples

Based on a review of data from the New Mexico Office of the State Engineer (NMOSE), 1 (one) groundwater well is located within 1 (one) mile of the proposed Injection well location. A review of NMOSE well records confirmed that RA-13305 is a monitoring well and is not considered to be a producing freshwater well. As such, no water samples were collected in support of this application.

A water well map and details of water wells within one (1) mile are included in ***Attachment 5***.

XII – No Hydrologic Connection Statement

No faulting is present in the area that would provide a hydrologic connection between the injection interval and overlying USDWs. Additionally, the casing program has been designed to ensure there will be no hydrologic connection between the injection interval and overlying USDWs.

A signed No Hydrologic Connection Statement has been included as **Attachment 6.**

XIII – List of Notice Recipients

A table listing the identified parties requiring notice of this Authorization to Inject application, including the land surface owner, any lease-held operators and any other affected persons are included as **Attachment 7**.

Attachments

Attachment 1: Well Details:

- C-102
- Current Wellbore Diagram
- Current Completion Report
- Proposed Wellbore Diagram

Attachment 2: Area of Review Information:

- 2-mile Oil & Gas Well Map
- 1/2-mile Well Detail List With Penetrating Well Casing and Plugging Information
- 2-mile Lease Map
- 2-mile Mineral Ownership Map
- 2-mile Surface Ownership Map
- Potash Lease Map

Attachment 3: Injectate Analyses

Attachment 4: Structural Cross Section & Injection Formation Details

Attachment 5: Water Well Map and Well Data

Attachment 6: Signed No Hydrologic Connection Statement

Attachment 7: List of Notice Recipients

Attachment 1

- C-102
- Current Wellbore Diagram
- Current Completion Report
- Proposed Wellbore Diagram

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 101[illegible]

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-015-37290	97558	GJ;7RVS-QN-GB-GLORIETA-YESO

4. Property Code	5. Property Name	6. Well No.
302497	G J WEST COOP UNIT	212

7. OGRID No.	8. Operator Name	9. Elevation
229137	COG OPERATING LLC	3574

10. Surface Location

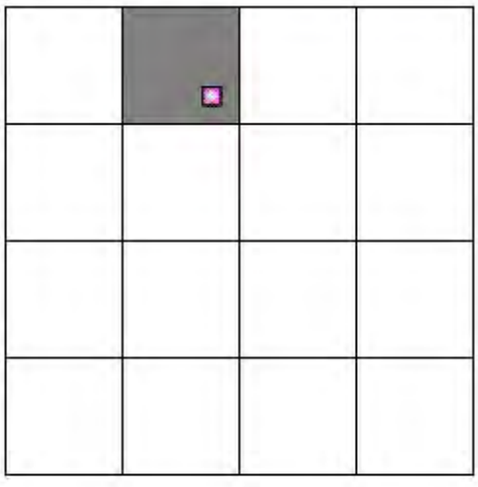
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	16	17S	29E		990	N	2310	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.
40.00			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Diane Kuykendall
Title: Regulatory Analyst
Date: 9/17/2009

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Ronald Eidson
Date of Survey: 9/3/2009
Certificate Number: 3239

API #	30-015-37290
Operator	Spur Energy Partners
Field	GJ; 7RVS-QN-GB-GLORIETA-YESO
Spud Date	12/23/2009

GJ West Coop Unit #212
Current Construction

County, ST	Eddy County, NM
Sec-Twn-Rng	16-17S-29E
Footage	990 FNL 2310 FWL
Survey	32.8391876, -104.0808868

Formation (MD)	
Yates	885
Queen	1747
San Andres	2452
Glorieta	3866

RKB	
GL	3574

Hole Size	17-1/2"
TOC	Surface
Method	Circ 117 sx

Csg Depth	335'
Size	13-3/8"
Weight	48#
Grade	H40
Connections	
Cement	400 sx

Hole Size	11"
TOC	Surface
Method	Circ 15 sx

Csg Depth	843'
Size	8-5/8"
Weight	24#
Grade	J55
Connections	
Cement	800 sx

Tubing Detail				
Jts	Size	Depth	Length	Detail
117		3765.9	3765.9	2-7/8" Tubing
1		3767.9	2.02	Marker Jt
2		3832.9	65.02	2-7/8" Tubing
1		3835.6	2.7	TAC
43		5235.6	1400	2-7/8" Tubing
1		5236.7	1.1	SN
1		5256.7	20	MSMA

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail
1		26	26		1-1/4" SM Polish rod
1		44	18		1-1/4" FG Pony
70		2669	2625		1-1/4" FG Rods
94		5019	2350		7/8" N97 Rods
8		5219	200		1-1/2" K Bars
1		5243	24		250-125-RHBC-24-4 Pump

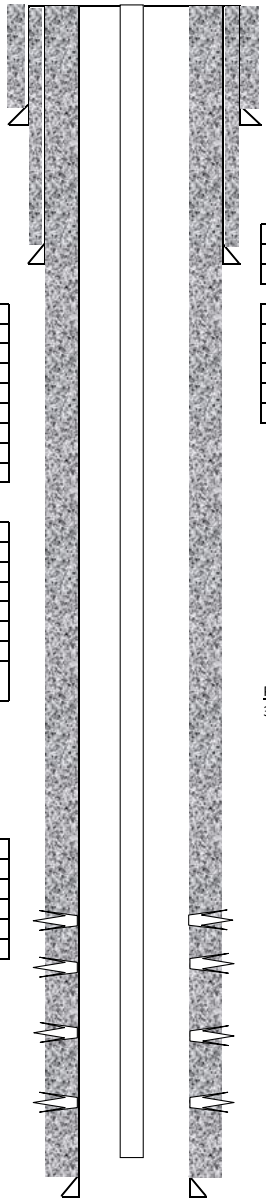
Perforations
3990'-5180'

Hole Size	7-7/8"
TOC	Surface
Method	Circ 106 sx

Csg Depth	5494'
Size	5-1/2"
Weight	17#
Grade	J55
Connections	
Cement	900 sx

PBTD	5436'
TD MD	5495'
TD TVD	5495'

Last Update	1/31/2023
By	RCB



Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

ENTERED 3-9-10

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO. 30-015-37290

5. Indicate Type of Lease STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b Type of Completion
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

RECEIVED
MAR 01 2010
NMOCD ARTESIA

7 Lease Name or Unit Agreement Name: G J WEST COOP UNIT

2 Name of Operator: COG Operating LLC

8 Well No.: 212

3 Address of Operator: 550 W. Texas Ave., Suite 1300 Midland, TX 79701

9 Pool name or Wildcat: GJ; 7RVS-QN-GB-GLORIETA-YESO 97558

4 Well Location
Unit Letter C 990 Feet From The North Line and 2310 Feet From The West Line
Section 16 Township 17S Range 29E NMPM County Eddy

10 Date Spudded	11. Date T D Reached	12 Date Compl. (Ready to Prod)	13 Elevations (DF& RKB, RT, GR, etc)	14 Elev Casinghead
12/23/09	12/30/09	01/19/10	3574 GR	

15 Total Depth	16. Plug Back T D	17 If Multiple Compl How Many Zones?	18 Intervals Drilled By	Rotary Tools	Cable Tools
5495	5436			X	

19 Producing Interval(s), of this completion - Top, Bottom, Name: 3990- 5180 Yeso

20 Was Directional Survey Made: No

21 Type Electric and Other Logs Run: CN / HNGS, Micro CFL / HNGS

22 Was Well Cored: No

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	335	17-1/2	400	
8-5/8	24	843	11	800	
5-1/2	17	5494	7-7/8	900	

24 LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4969	

26 Perforation record (interval, size, and number)

3990 - 4214 - 1 SPF, 29 holes	Open
4430 - 4630 - 1 SPF, 26 holes	Open
4700 - 4900 - 1 SPF, 26 holes	Open
4980 - 5180 - 1 SPF, 26 holes	Open

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3990 – 4214	See Attachment
4430 - 4630	See Attachment
4700 - 4900	See Attachment
4980 - 5180	See Attachment

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping – Size and type pump)*	Well Status *(Prod or Shut-in)*
01/29/10	Pumping using a 2 ½ " x 2 ¼ " x 24' pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil – Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
02/15/10	24			80	110	515	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr)*
70	70					41.7

29. Disposition of Gas *(Sold, used for fuel, vented, etc)*: SOLD

Test Witnessed By: Kent Greenway

30 List Attachments: Logs, C102, C103, Deviation Report, C104

31 *I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief*

Signature CJackson Printed Name Chasity Jackson Title Agent for COG Date 02/25/10

E-mail Address cjackson@conchoresources.com Phone 432-686-3087

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 885	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1747	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2452	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3866	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T.Tubb 5373	T. Delaware Sand	T.Todilto	T
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	**T.Yeso 3941**	T. Wingate	T.
T. Wolfcamp	T.Mississippian	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GA SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

G J WEST COOP UNIT #212
API#: 30-015-37290
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3990 - 4214	Acidize w/ 4,000 gals 15% acid
	Frac w/ 114,226 gals gel,
	122,871# 16/30 white sand, 11,708# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4430 – 4630	Acidize w/3,500 gals 15% acid
	Frac w/ 122,869 gals gel,
	145,899# 16/30 white sand, 31,302# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4700 - 4900	Acidize w/3,500 gals 15% acid
	Frac w/123,805 gals gel,
	145,360# 16/30 white sand, 31,191# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4980 - 5180	Acidize w/3,500 gals 15% acid
	Frac w/ 119,574 gals gel,
	144,023# 16/30 white sand, 30,979# 16/30 Siberprop.

API #	30-015-37290
Operator	Spur Energy Partners
Field	GJ; 7RVS-QN-GB-GLORIETA-YESO
Spud Date	12/23/2009

GJ West Coop Unit #212
Proposed Recompletion

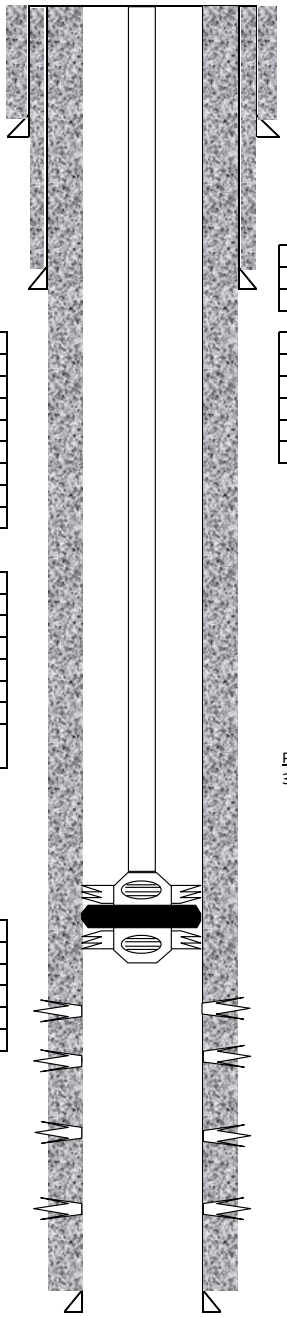
County, ST	Eddy County, NM
Sec-Twn-Rng	16-17S-29E
Footage	990 FNL 2310 FWL
Survey	32.8391876, -104.0808868

Formation (MD)	
Yates	885
Queen	1747
San Andres	2452
Glorieta	3866

RKB	
GL	3574

Hole Size	17-1/2"
TOC	Surface
Method	Circ 117 sx

Csg Depth	335'
Size	13-3/8"
Weight	48#
Grade	H40
Connections	
Cement	400 sx



Hole Size	11"
TOC	Surface
Method	Circ 15 sx

Csg Depth	843'
Size	8-5/8"
Weight	24#
Grade	J55
Connections	
Cement	800 sx

Tubing Detail				
Jts	Size	Depth	Length	Detail
121		3935	3935	2-7/8" IPC Tubing
1		3940	5	5-1/2" x 2-7/8" Packer

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail

Perforations
3990'-5180'

Hole Size	7-7/8"
TOC	Surface
Method	Circ 106 sx

Csg Depth	5494'
Size	5-1/2"
Weight	17#
Grade	J55
Connections	
Cement	900 sx

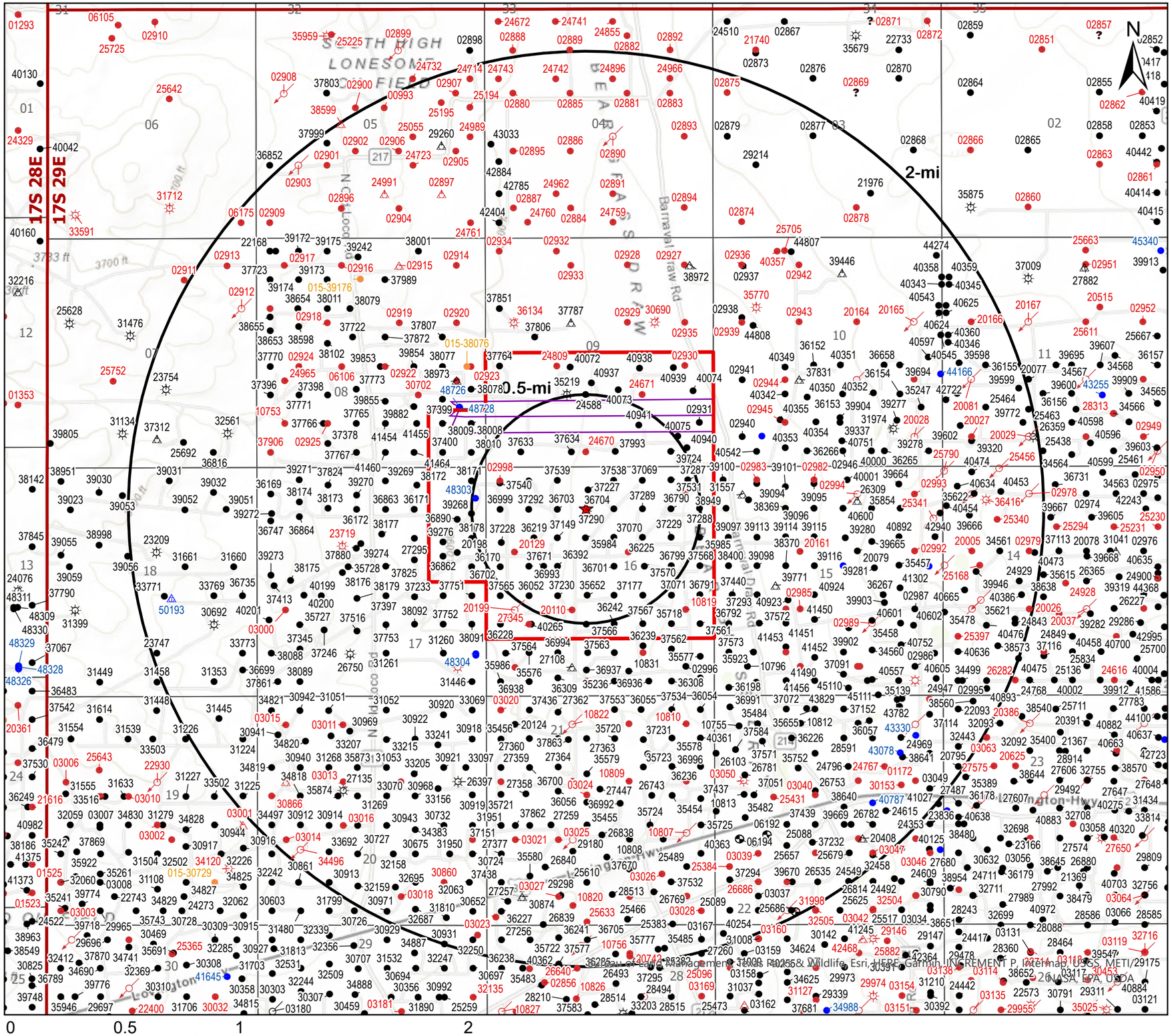
PBTD	5436'
TD MD	5495'
TD TVD	5495'

Last Update	1/31/2023
By	RCB

Attachment 2

Area of Review Information:

- 2-mile Oil & Gas Well Map
- 1/2-mile Well Detail List
- 2-mile Lease Map
- 2-mile Mineral Ownership Map
- 2-mile Surface Ownership Map
- Potash Lease Map



Legend

- Well Location
- Affected Wells Laterals
- Project Area
- Miscellaneous (4)
- Gas, Active (19)
- Gas, Plugged (17)
- Injection, Active (1)
- Injection, Plugged (50)
- Oil, Active (928)
- Oil, New (24)
- Oil, Plugged (271)
- Oil, Temporary Abandonment (4)
- Salt Water Disposal, Active (16)
- Salt Water Disposal, New (1)
- Salt Water Disposal, Plugged (8)
- ? undefined (3)

Source Info: NMOCD O&G Wells updated 3/22/2023 (https://www.emnrd.nm.gov/ocd/ocd-data/ftp-server/l)

O&G Wells AOR Map

G J WEST COOP UNIT #212

Eddy County, New Mexico

Proj Mgr:		Mapped by:
Oliver Seekins	October 03, 2023	Ben Bockelmann

Prepared for: SPUR ENERGY PARTNERS

Prepared by: ALL CONSULTING

AOR Tabulation for GJ West Coop Unit 212 (Top of Injection Interval: 3,990'-5,180')

Well Name	API#	Well Type	Operator	Spud Date	Location(Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
G J WEST COOP UNIT #212	30-015-37290	Oil	Spur Energy Partners LLC	12/23/2009	C-16-17S-29E	5,495	Yes
G J WEST COOP UNIT #209	30-015-37227	Oil	Spur Energy Partners LLC	9/8/2009	C-16-17S-29E	5,500	Yes
G J WEST COOP UNIT #206	30-015-36704	Oil	Spur Energy Partners LLC	12/9/2008	B-16-17S-29E	5,460	Yes
G J WEST COOP UNIT #177	30-015-35984	Oil	Spur Energy Partners LLC	1/30/2008	F-16-17S-29E	5,456	Yes
G J WEST COOP UNIT #210	30-015-36703	Oil	Spur Energy Partners LLC	11/28/2008	C-16-17S-29E	5,451	Yes
G J WEST COOP UNIT #223	30-015-37070	Oil	Spur Energy Partners LLC	7/24/2009	G-16-17S-29E	5,504	Yes
G J WEST COOP UNIT #207	30-015-37538	Oil	Spur Energy Partners LLC	5/3/2010	B-16-17S-29E	5,572	Yes
G J WEST COOP UNIT #211	30-015-37539	Oil	Spur Energy Partners LLC	5/10/2010	C-16-17S-29E	5,585	Yes
G J WEST COOP UNIT #220	30-015-37149	Oil	Spur Energy Partners LLC	8/7/2009	F-16-17S-29E	5,505	Yes
G J WEST COOP UNIT #208	30-015-37289	Oil	Spur Energy Partners LLC	12/16/2009	B-16-17S-29E	5,510	Yes
ARCO ST #001	30-015-24670	Plugged	BEACH EXPLORATION, INC.	12/2/1983	N-09-17S-29E	Plugged (2,700)	No
G J WEST COOP UNIT #216	30-015-37292	Oil	Spur Energy Partners LLC	12/8/2009	D-16-17S-29E	5,494	Yes
DARNER 9 STATE #002	30-015-37634	Oil	Spur Energy Partners LLC	11/18/2010	N-09-17S-29E	5,276	Yes
G J WEST COOP UNIT #187	30-015-36219	Oil	Spur Energy Partners LLC	5/30/2008	E-16-17S-29E	5,456	Yes
G J WEST COOP UNIT #061	30-015-20130	Plugged	MACK ENERGY CORP	3/23/1968	G-16-17S-29E	Plugged (2,700)	No
G J WEST COOP UNIT #188	30-015-36225	Oil	Spur Energy Partners LLC	7/18/2008	G-16-17S-29E	5,469	Yes
G J WEST COOP UNIT #205	30-015-37069	Oil	Spur Energy Partners LLC	7/17/2009	B-16-17S-29E	5,503	Yes
G J WEST COOP UNIT #222	30-015-36701	Oil	Spur Energy Partners LLC	12/21/2008	G-16-17S-29E	5,454	Yes
G J WEST COOP UNIT #213	30-015-37291	Oil	Spur Energy Partners LLC	11/7/2009	D-16-17S-29E	5,504	Yes
G J WEST COOP UNIT #200	30-015-36392	Oil	Spur Energy Partners LLC	10/21/2008	F-16-17S-29E	5,462	Yes
TIGGER 9 STATE #005	30-015-37993	Oil	Silverback Operating II, LLC	4/23/2012	O-09-17S-29E	5,532	Yes
G J WEST COOP UNIT #305	30-015-37671	Oil	Spur Energy Partners LLC	4/25/2010	F-16-17S-29E	5,576	Yes
G J WEST COOP UNIT #219	30-015-36993	Oil	Spur Energy Partners LLC	5/10/2009	E-16-17S-29E	5,501	Yes
G J WEST COOP UNIT #224	30-015-37570	Oil	Spur Energy Partners LLC	6/3/2010	G-16-17S-29E	5,588	Yes
G J WEST COOP UNIT #059	30-015-20129	Plugged	MACK ENERGY CORP	3/18/1968	E-16-17S-29E	Plugged (2,600)	No
G J WEST COOP UNIT #202	30-015-36790	Oil	Spur Energy Partners LLC	3/11/2009	A-16-17S-29E	5,500	Yes
G J WEST COOP UNIT #214	30-015-36999	Oil	Spur Energy Partners LLC	4/23/2009	D-16-17S-29E	5,543	Yes
G J WEST COOP UNIT #162	30-015-35652	Oil	Spur Energy Partners LLC	9/6/2007	K-16-17S-29E	5,470	Yes
DARNER 9 STATE #001	30-015-37633	Oil	Spur Energy Partners LLC	4/15/2010	M-09-17S-29E	5,118	Yes
G J WEST COOP UNIT #203	30-015-37531	Oil	Spur Energy Partners LLC	4/18/2010	A-16-17S-29E	5,575	Yes
G J WEST COOP UNIT #226	30-015-37229	Oil	Spur Energy Partners LLC	9/23/2009	H-16-17S-29E	5,472	Yes
G J WEST COOP UNIT #215	30-015-37540	Oil	Spur Energy Partners LLC	5/17/2010	D-16-17S-29E	5,585	Yes
STATE #002	30-015-02998	Plugged	LEONARD OIL COMPANY	1/20/1941	D-16-17S-29E	Plugged (3,074)	No
G J WEST COOP UNIT #230	30-015-37177	Oil	Spur Energy Partners LLC	8/23/2009	J-16-17S-29E	5,506	Yes
G J WEST COOP UNIT #218	30-015-37228	Oil	Spur Energy Partners LLC	10/9/2009	E-16-17S-29E	5,516	Yes
G J WEST COOP UNIT #232	30-015-37230	Oil	Spur Energy Partners LLC	10/15/2009	K-16-17S-29E	5,520	Yes
TIGGER 9 STATE #010	30-015-40941	Oil	Silverback Operating II, LLC	4/25/2014	O-09-17S-29E	5,332	Yes
LEONARD ST #001	30-015-02999	Plugged	S.P. YATES &HERBERT AID	3/9/1943	A-16-17S-29E	Plugged (2,770)	No
G J WEST COOP UNIT #057	30-015-20110	Plugged	MACK ENERGY CORP	12/26/1967	K-16-17S-29E	Plugged (3,000)	No
G J WEST COOP UNIT #225	30-015-36799	Oil	Spur Energy Partners LLC	2/17/2009	H-16-17S-29E	5,580	Yes
SINCLAIR STATE #002	30-015-39724	Oil	ROVER OPERATING, LLC	1/11/2012	P-09-17S-29E	2,658	No
G J WEST COOP UNIT #161	30-015-35651	Oil	Spur Energy Partners LLC	8/22/2007	J-16-17S-29E	5,640	Yes

AOR Tabulation for GJ West Coop Unit 212 (Top of Injection Interval: 3,990'-5,180')

Well Name	API#	Well Type	Operator	Spud Date	Location(Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
G J WEST COOP UNIT #217	30-015-36702	Oil	Spur Energy Partners LLC	11/16/2008	E-16-17S-29E	5,464	Yes
G J WEST COOP UNIT #181	30-015-36052	Oil	Spur Energy Partners LLC	3/13/2008	L-16-17S-29E	5,454	Yes
G J WEST COOP UNIT #201	30-015-37287	Oil	Spur Energy Partners LLC	11/20/2009	A-16-17S-29E	5,504	Yes
ANGUS FEDERAL COM 17 #003H	30-015-48303	Oil	LONGFELLOW ENERGY, LP	New not drilled	P-17-17S-29E	Proposed (4,670)	N/A
G J WEST COOP UNIT #204	30-015-37288	Oil	Spur Energy Partners LLC	11/29/2009	A-16-17S-29E	5,510	Yes
Darner 9 State #070H	30-015-48728	Oil	Spur Energy Partners LLC	11/14/2021	I-08-17S-29E	10,360	Yes
Darner 9 State #050H	30-015-48726	Oil	Spur Energy Partners LLC	10/25/2021	I-08-17S-29E	10,132	Yes
Darner 9 State #010H	30-015-48727	Oil	Spur Energy Partners LLC	11/6/2021	I-08-17S-29E	9,772'	Yes

Casing Information for Wells Penetrating the GJ West Coop Unit 212 Injection Zone

Well Name	Casing	Set Depth	Casing Size	TOC	TOC Method Determined	Sks of Cement	Hole size
G J WEST COOP UNIT #212	Surface	335'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	843'	8.625''	Surface	Temp Survey/Circulation	800	11''
	Production	5494'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #209	Surface	360'	13.375''	Surface	Temp Survey/Circulation	805	11''
	Intermediate	843'	8.625''	Surface	Temp Survey/Circulation	805	11''
	Production	5462'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #206	Surface	317'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	879'	8.625''	Surface	Circulation	928	11''
	Production	5460'	5.5''	Surface	Circulation	1000	7.875''
G J WEST COOP UNIT #177	Surface	323'	8.625''	Surface	Circulation	350	17.5''
	Production	5455'	5.5''	Surface	Circulation	1600	12.25''
G J WEST COOP UNIT #210	Surface	309'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	860'	8.625''	Surface	Circulation	500	11''
	Production	5450'	5.5''	Surface	Circulation	1000	7.875''
G J WEST COOP UNIT #223	Surface	300'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	837'	8.625''	Surface	Circulation	500	11''
	Production	5504'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #207	Surface	360'	13.375''	Surface	Circulation	650	17.5''
	Intermediate	885'	8.625''	Surface	Circulation	500	11''
	Production	5559'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #211	Surface	363'	13.375''	Surface	Temp Survey/Circulation	950	17.5''
	Intermediate	866'	8.625''	Surface	Temp Survey/Circulation	1200	11''
	Production	5576'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #220	Surface	312'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	842'	8.625''	Surface	Circulation	400	11''
	Production	5504'	5.5''	Surface	Circulation	1000	7.875''
G J WEST COOP UNIT #208	Surface	311'	13.375''	Surface	Temp Survey/Circulation	400	17.5''
	Intermediate	843'	8.625''	Surface	Temp Survey/Circulation	400	11''
	Production	5509'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #216	Surface	335'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	843'	8.625''	Surface	Circulation	400	11''
	Production	5493'	5.5''	Surface	Circulation	900	7.875''
DARNER 9 STATE #002	Surface	390'	11.75''	Surface	Circulation	375	16''
	Intermediate	1120'	8.625''	Surface	Circulation	500	11''
	Production	5276'	5.5''	Surface	Circulation	690	7.875''
G J WEST COOP UNIT #187	Surface	314'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	858'	8.625''	Surface	Circulation	500	11''
	Production	5455'	5.5''	Surface	Circulation	1100	7.875''
G J WEST COOP UNIT #188	Surface	315'	13.375''	Surface	Circulation	350	17.5''
	Intermediate	853'	8.625''	Surface	Circulation	500	11''
	Production	5469'	5.5''	Surface	Circulation	1100	7.875''
G J WEST COOP UNIT #205	Surface	335'	13.375''	Surface	Unknown*	700	17.5''
	Intermediate	838'	8.625''	Surface	Circulation	680	11''
	Production	5503'	5.5''	Surface	Circulation	900	7.875''

Notes: * Data not available from the NMOCD database (Well records or Well details).

Casing Information for Wells Penetrating the GJ West Coop Unit 212 Injection Zone

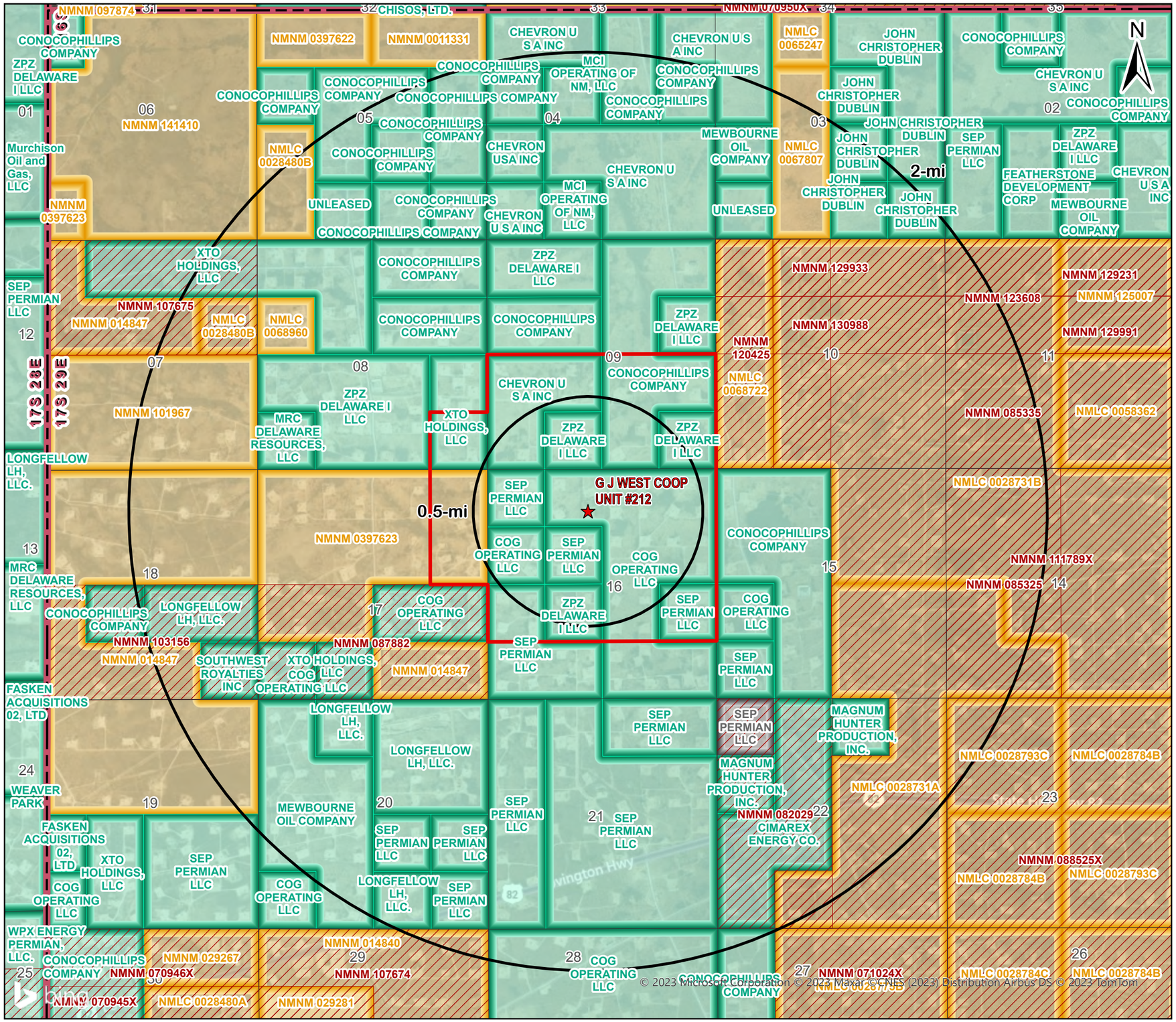
Well Name	Casing	Set Depth	Casing Size	TOC	TOC Method Determined	Sks of Cement	Hole size
G J WEST COOP UNIT #222	Surface	308'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	876'	8.625''	Surface	Circulation	600	11''
	Production	5454'	5.5''	Surface	Circulation	1000	7.875''
G J WEST COOP UNIT #213	Surface	334'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	843'	8.625''	Surface	Circulation	400	11''
	Production	5502'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #200	Surface	331'	13.375''	Unknown*	Unknown*	534	17.5''
	Intermediate	897'	8.625''	Surface	Circulation	500	11''
	Production	5461'	5.5''	Surface	Circulation	2200	7.875''
TIGGER 9 STATE #005	Surface	428'	11.75''	Surface	Circulation	550	14.75''
	Intermediate	1050'	8.625''	Surface	Circulation	310	10.625''
	Production	5532'	5.5''	Surface	Circulation	1460	7.875''
G J WEST COOP UNIT #305	Surface	354'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	870'	8.625''	Surface	Circulation	400	11''
	Production	5560'	5.5''	Surface	Circulation	950	7.875''
G J WEST COOP UNIT #219	Surface	310'	13.375''	Surface	Temp Survey/Circulation	939	17.5''
	Intermediate	835'	8.625''	Surface	Circulation	400	11''
	Production	5501'	5.5''	Surface	Circulation	1050	7.875''
G J WEST COOP UNIT #224	Surface	351'	13.375''	Surface	Temp Survey/Circulation	1180	17.5''
	Intermediate	854'	8.625''	Surface	Circulation	780	11''
	Production	5574'	5.5''	Surface	Circulation	1040	7.875''
G J WEST COOP UNIT #202	Surface	325'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	862'	8.625''	Surface	Circulation	400	11''
	Production	5500'	5.5''	Surface	Circulation	1100	7.875''
G J WEST COOP UNIT #214	Surface	330'	13.375''	Surface	Temp Survey/Circulation	1004	17.5''
	Intermediate	843'	8.625''	Surface	Circulation	400	11''
	Production	5543'	5.5''	Surface	Circulation	1000	7.875''
G J WEST COOP UNIT #162	Surface	322'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	864'	8.625''	Surface	Circulation	500	12.25''
	Production	5464'	5.5''	940'	CBL	1100	7.875''
DARNER 9 STATE #001	Surface	430'	11.75''	Surface	Circulation	700	14.75''
	Intermediate	1250'	8.625''	Surface	Circulation	226 bbl	11''
	Production	5118'	5.5''	Surface	Circulation	630	7.875''
G J WEST COOP UNIT #203	Surface	370'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	852'	8.625''	Surface	Circulation	400	11''
	Production	5563'	5.5''	Surface	Circulation	900	7.875
G J WEST COOP UNIT #226	Surface	307'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	842'	8.625''	Surface	Circulation	400	11''
	Production	5472''	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #215	Surface	352'	13.375''	Surface	Circulation	950	17.5''
	Intermediate	865'	8.625''	Surface	Circulation	400	11''
	Production	5572'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #230	Surface	310'	13.375''	Surface	Circulation	850	17.5''
	Intermediate	841'	8.625''	Surface	Circulation	400	11''
	Production	5506'	5.5''	Surface	Circulation	1000	7.875''

Notes: * Data not available from the NMOCD database (Well records or Well details).

Casing Information for Wells Penetrating the GJ West Coop Unit 212 Injection Zone

Well Name	Casing	Set Depth	Casing Size	TOC	TOC Method Determined	Sks of Cement	Hole size
G J WEST COOP UNIT #218	Surface	312'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	842'	8.625''	Surface	Circulation	400	11''
	Production	5516'	5.5''	Surface	Circulation	900	7.875''
G J WEST COOP UNIT #232	Surface	313'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	841'	8.625''	Surface	Circulation	400	11''
	Production	5507'	5.5''	Surface	Circulation	900	7.875''
TIGGER 9 STATE #010	Surface	450'	8.625''	Surface	Circulation	230	11''
	Production	5332'	5.5''	Surface	Circulation	970	7.875''
G J WEST COOP UNIT #225	Surface	338'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	863'	8.625''	Surface	Circulation	400	11''
	Production	5580'	5.5''	Surface	Circulation	1050	7.875''
G J WEST COOP UNIT #161	Surface	316'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	869'	8.625''	Surface	Circulation	600	12.25''
	Production	5639'	5.5''	Surface	Circulation	1400	7.875''
G J WEST COOP UNIT #217	Surface	331'	13.375''	Surface	Circulation	480	17.5''
	Intermediate	845'	8.625''	Surface	Circulation	600	11''
	Production	5463'	5.5''	Surface	Circulation	1000	7.875''
G J WEST COOP UNIT #181	Surface	361'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	850'	8.625''	Surface	Circulation	600	12.25''
	Production	5453'	5.5''	Surface	Circulation	1200	7.875''
G J WEST COOP UNIT #201	Surface	321'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	841'	8.625''	Surface	Circulation	400	11''
	Production	5503'	5.5''	Surface	Circulation	950	7.875''
G J WEST COOP UNIT #204	Surface	312'	13.375''	Surface	Circulation	400	17.5''
	Intermediate	841'	8.625''	Surface	Circulation	400	11''
	Production	5497'	5.5''	Surface	Circulation	950	7.875''
Darner 9 State #070H	Surface	778'	13.375"	Surface	Circulation	785	17.5"
	Intermediate	1,937'	9.625"	Surface	Circulation	555	12.25"
	Production	4,942' XO 10,360'	7" XO 5.5"	Surface	Circulation	1805	8.75"
Darner 9 State #050H	Surface	792'	13.375"	Surface	Circulation	785	17.5"
	Intermediate	1,937'	9.625"	Surface	Circulation	460	12.25"
	Production	4,796' XO 10,123'	7" XO 5.5"	Surface	Circulation	1945	8.75"
Darner 9 State #010H	Surface	785'	13.375"	Surface	Circulation	785	17.5"
	Intermediate	1,937'	9.625"	Surface	Circulation	555	12.25"
	Production	4,389' XO 9772'	7" XO 5.5"	Surface	Circulation	1590	8.75"

Notes: * Data not available from the NMOCD database (Well records or Well details).



Legend

- Well Location
- Project Area
- BLM Communitization Units
- BLM Authorized O&G Leases
- Private Mineral Leases
- NMSLO Mineral Leases

1/2-mile AOR Lessees/Unit Operators:

- SEP Permian Holding Corp (BLM Lessee)
- XTO Holdings, LLC (NMSLO Lessee)
- Chevron U S A Inc (NMSLO Lessee)
- ZPZ Delaware I LLC (NMSLO Lessee)
- ConocoPhillips Company (NMSLO Lessee)
- SEP Permian LLC (NMSLO Lessee)
- COG Operating LLC (NMSLO Lessee)

Source Info: BLM Mineral Leases (https://catalog.data.gov/dataset/blm-new-mexico-mineral-ownership). NMSLO Mineral Leases (http://www.nmstatelands.org/maps-gis/gis-data-download/). Where applicable, Private Mineral Leases were identified utilizing Enverus, Midland Maps, or operator identified lease data.

Mineral Lease AOR Map

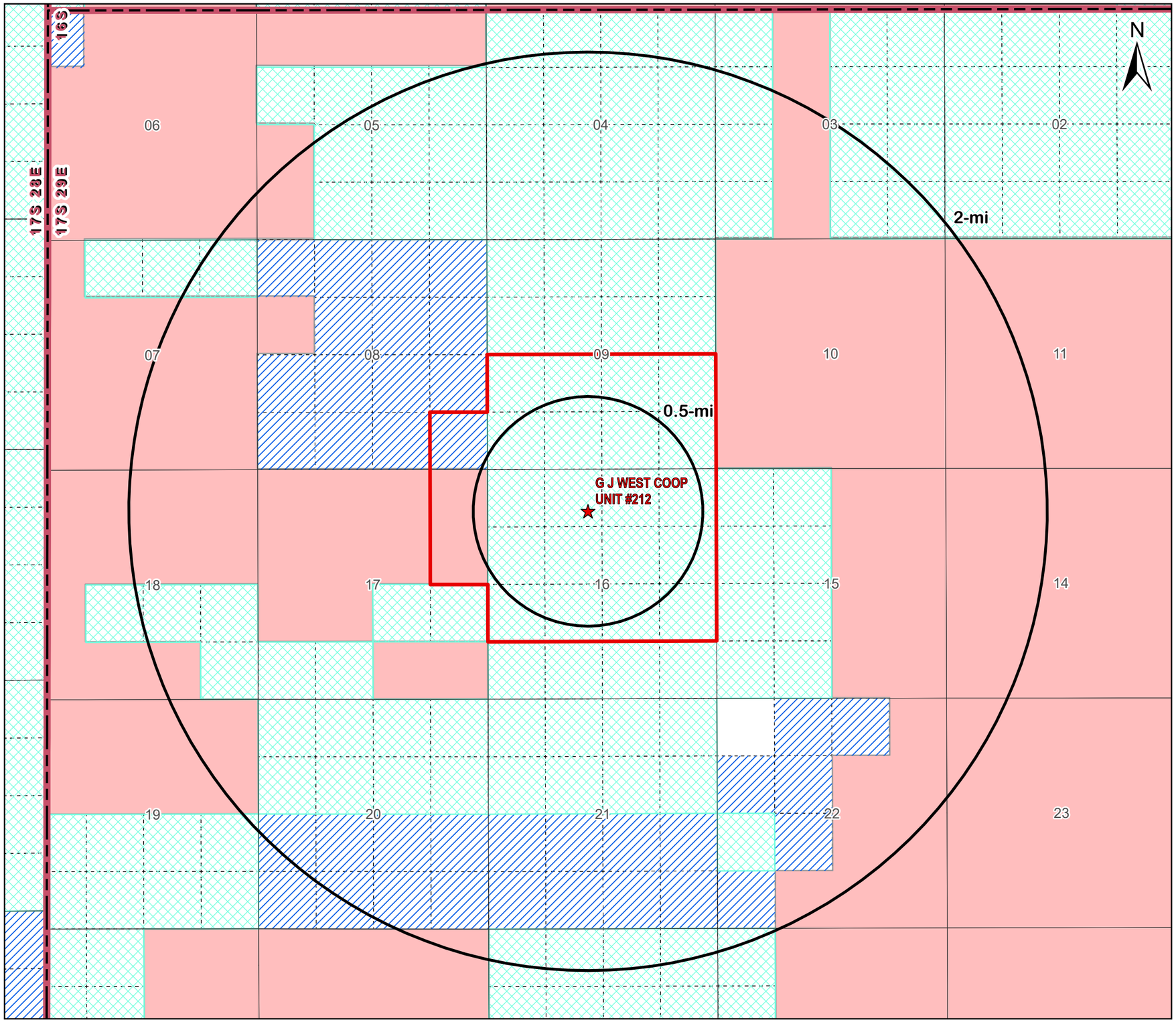
G J WEST COOP UNIT #212

Eddy County, New Mexico

Proj Mgr: Oliver Seekins	September 26, 2023	Mapped by: Ben Bockelmann

Prepared for: SPUR ENERGY PARTNERS

Prepared by: ALL CONSULTING



Legend

- Well Location
- Project Area
- Private minerals
- Subsurface minerals (NMSLO)
- Surface and Subsurface minerals (NMSLO)
- All minerals are owned by U.S. (BLM)

Mineral Ownership AOR

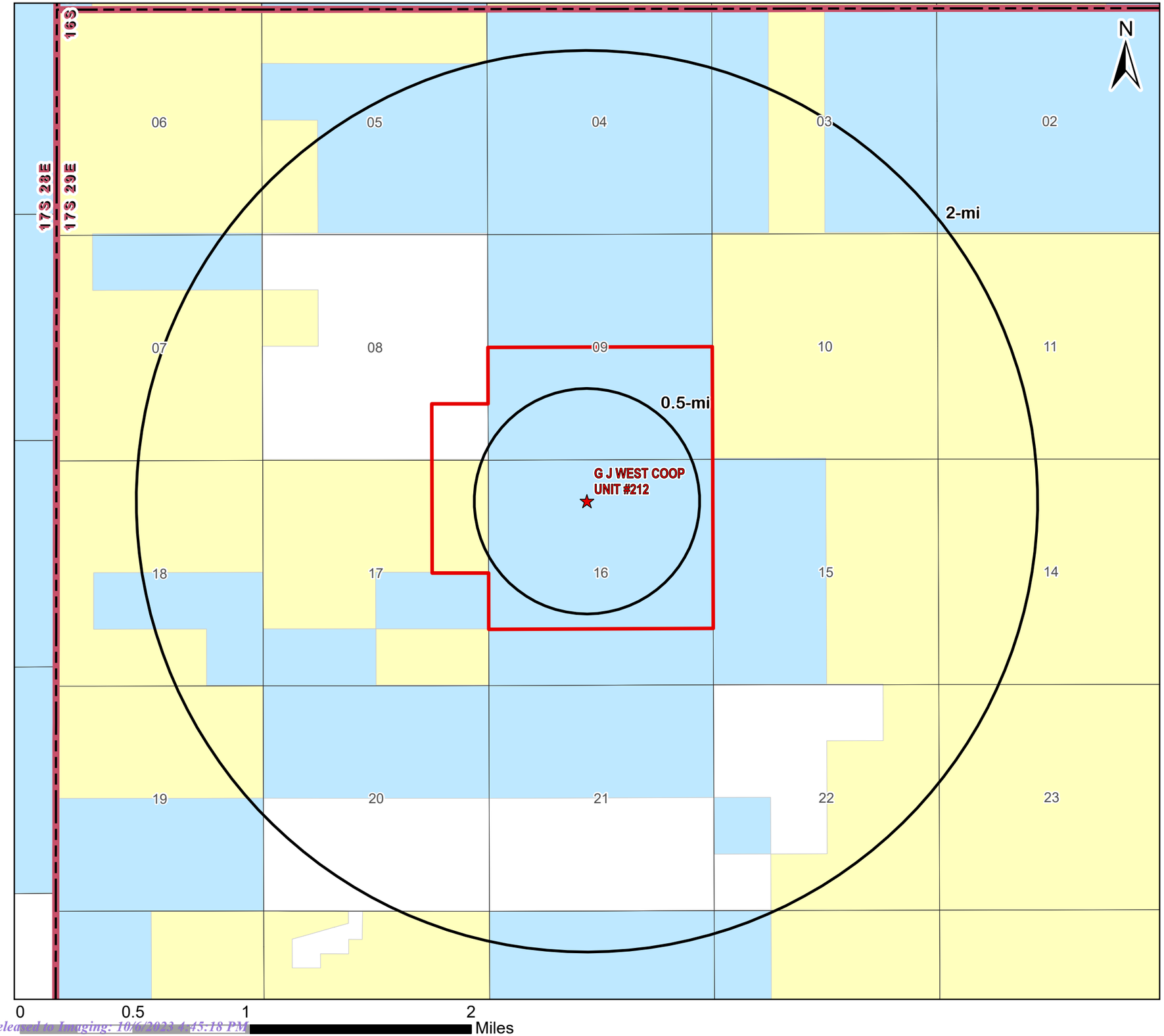
G J WEST COOP UNIT #212

Eddy County, New Mexico

Proj Mgr: Oliver Seekins	September 20, 2023	Mapped by: Ben Bockelmann

Prepared for: SPUR ENERGY PARTNERS

Prepared by: ALL CONSULTING



Legend

- Well Location
- Project Area

Surface Ownership

- BLM
- Private
- State

Surface Ownership AOR Map

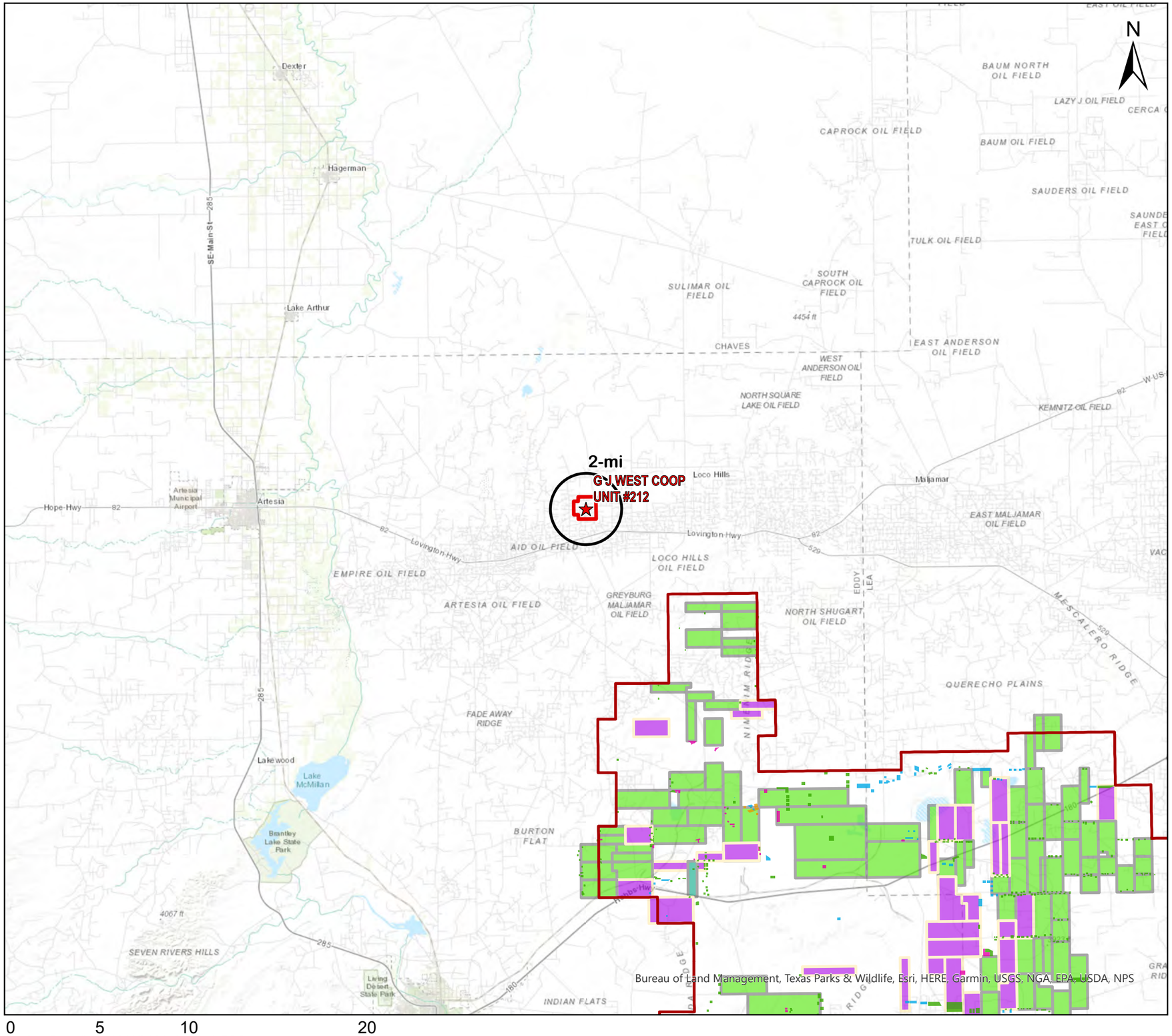
G J WEST COOP UNIT #212

Eddy County, New Mexico

Proj Mgr: Oliver Seekins	September 20, 2023	Mapped by: Ben Bockelmann

Prepared for: SPUR ENERGY PARTNERS

Prepared by: ALL CONSULTING



Legend

- Well Location
- Project Area
- SOPA 1986

Drill Islands

Status, Depth Buffer

- Approved, Half Mile
- Approved, Quarter Mile
- Nominated, Half Mile
- Nominated, Quarter Mile

Development Areas

Status

- Approved
- Pending
- Pending NMOCD Order

Potash AOR Map

G J WEST COOP UNIT #212

Eddy County, New Mexico

Proj Mgr: Oliver Seekins	September 20, 2023	Mapped by: Ben Bockelmann

Prepared for: SPUR ENERGY PARTNERS

Prepared by: ALL CONSULTING

Attachment 3

Injectate Analyses

GAS VOLUME STATEMENT

December 2022

Meter #: 67722028
Name: GJ West Coop Unit North
Closed Data
Artesia-East

Pressure Base:	14.730 psia	**Meter Status:**	Active
Temperature Base:	60.00 °F	**Contract Hr.:**	Midnight
Atmos Pressure:	12.850 psi	**Full Wellstream:**	
Calc Method:	AGA3-2013	**WV Technique:**	
Z Method:	AGA-8 Detail (1992)	**WV Method:**	
Tube I.D.:	3.0690 in	**HV Cond:**	Dry
Tap Location:	Upstream	**Meter Type:**	EFM
Tap Type:	Flange	**Interval:**	1 Hour

CO2	N2	C1	C2	C3	IC4	NC4	IC5
2.905	1.371	60.929	18.063	9.354	1.029	2.551	0.629

NC5	neo	C6	C7	C8	C9	C10	
0.708		1.761					

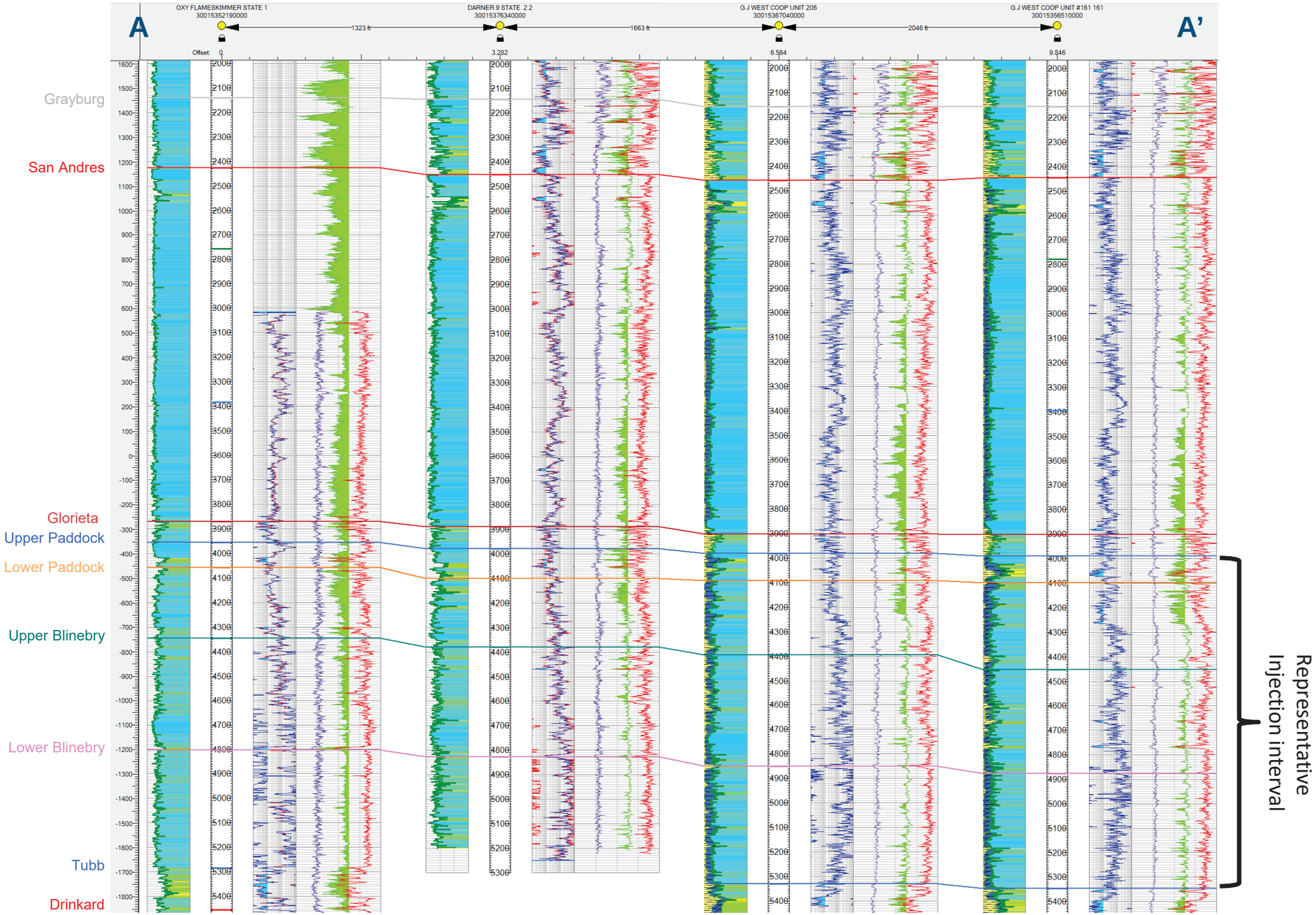
Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
						0.700	

Day	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1	5.05	48.69	42.86	24.00	0.8995	1.7500	249.98	1447.00	361.72	Yes
2	6.32	48.57	52.46	24.00	0.8995	1.7500	281.77	1447.00	407.72	Yes
3	5.96	49.13	51.31	24.00	0.8995	1.7500	274.54	1447.00	397.26	Yes
4	4.74	51.44	50.58	24.00	0.8995	1.7500	251.10	1447.00	363.35	Yes
5	3.01	53.90	63.48	24.00	0.8995	1.7500	202.87	1447.00	293.55	Yes
6	4.56	51.27	63.06	24.00	0.8995	1.7500	244.74	1447.00	354.14	Yes
7	4.99	50.61	53.89	24.00	0.8995	1.7500	255.84	1447.00	370.20	Yes
8	5.28	49.72	56.81	24.00	0.8995	1.7500	257.94	1447.00	373.24	Yes
9	5.42	49.24	50.35	24.00	0.8995	1.7500	265.52	1447.00	384.21	Yes
10	4.09	50.66	56.22	24.00	0.8995	1.7500	230.50	1447.00	333.53	Yes
11	4.49	50.16	52.55	24.00	0.8995	1.7500	239.61	1447.00	346.72	Yes
12	6.02	50.73	59.07	24.00	0.8995	1.7500	277.03	1447.00	400.86	Yes
13	5.98	49.93	46.93	24.00	0.8995	1.7500	280.64	1447.00	406.09	Yes
14	4.81	50.83	43.08	24.00	0.8995	1.7500	252.40	1447.00	365.22	Yes
15	5.25	50.53	41.63	24.00	0.8995	1.7500	256.55	1447.00	371.23	Yes
16	6.03	48.61	39.36	24.00	0.8995	1.7500	280.15	1447.00	405.38	Yes
17	6.58	48.33	37.28	24.00	0.8995	1.7500	291.31	1447.00	421.52	Yes
18	7.14	49.40	37.99	24.00	0.8995	1.7500	307.62	1447.00	445.13	Yes
19	6.59	49.12	44.83	24.00	0.8995	1.7500	288.15	1447.00	416.96	Yes
20	6.76	48.34	41.11	24.00	0.8995	1.7500	293.70	1447.00	424.99	Yes
21	6.96	47.96	42.21	24.00	0.8995	1.7500	296.39	1447.00	428.88	Yes
22	3.99	51.11	28.51	24.00	0.8995	1.7500	188.82	1447.00	273.23	Yes
23	4.70	52.87	21.62	24.00	0.8995	1.7500	236.74	1447.00	342.56	Yes
24	5.78	50.60	20.58	24.00	0.8995	1.7500	285.60	1447.00	413.27	Yes
25	6.36	48.69	20.28	24.00	0.8995	1.7500	293.96	1447.00	425.36	Yes
26	1.36	54.00	47.57	24.00	0.8995	1.7500	140.33	1447.00	203.06	Yes
27	3.58	51.46	52.98	24.00	0.8995	1.7500	219.37	1447.00	317.42	Yes
28	3.85	51.12	46.65	24.00	0.8995	1.7500	229.40	1447.00	331.95	Yes
29	6.15	49.40	43.55	24.00	0.8995	1.7500	285.08	1447.00	412.52	Yes
30	5.34	50.07	41.31	24.00	0.8995	1.7500	267.73	1447.00	387.40	Yes
31	9.35	49.13	51.41	24.00	0.8995	1.7500	347.78	1447.00	503.24	Yes
Total	5.58	50.01	44.94	744.00	0.8995		8,073.18		11,681.90	

Attachment 4

Structural Cross Section & Injection Formation Details

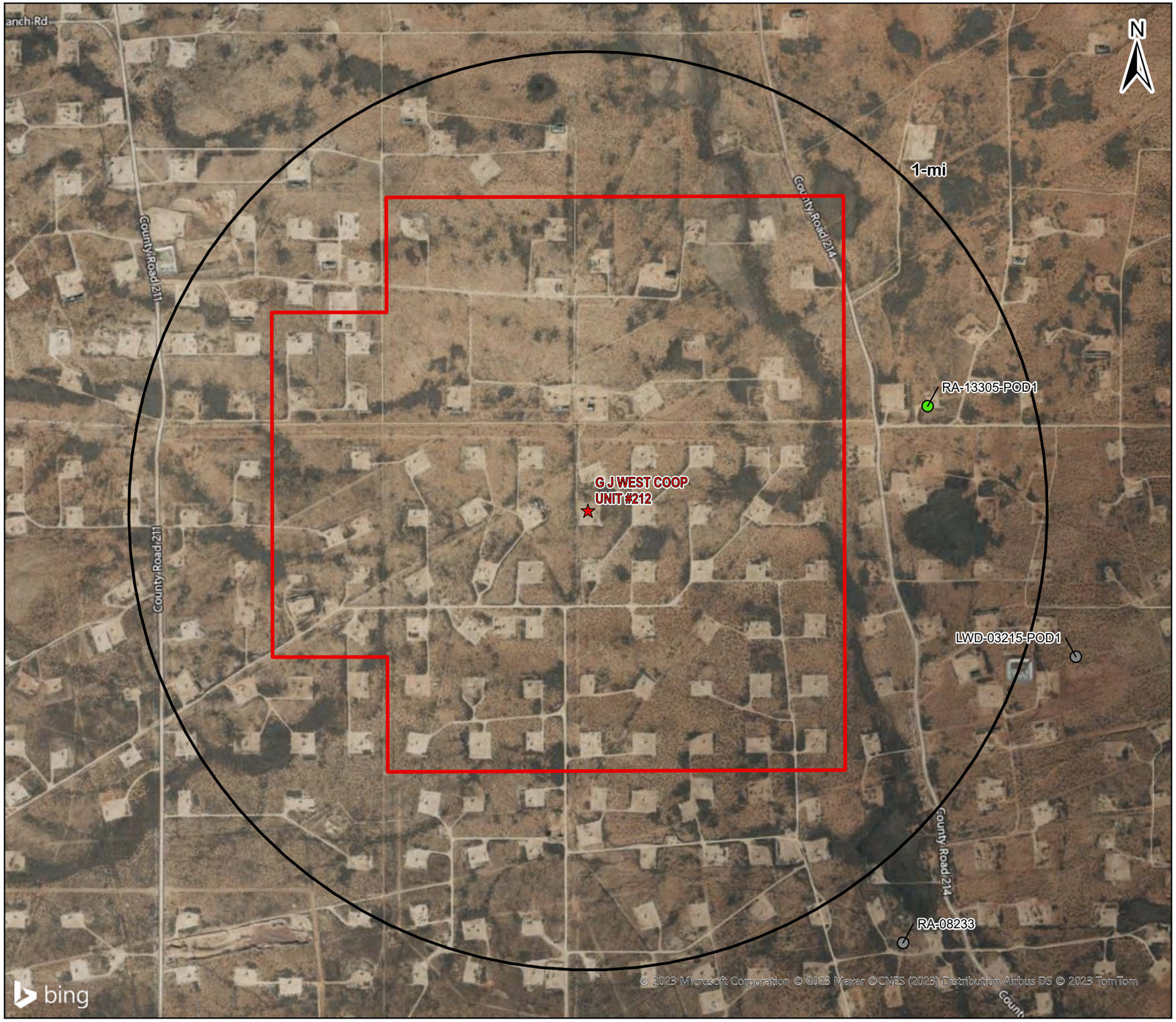
GJ 212: Structural Cross Section



At the GJ West Coop Unit #212, the top of the Yeso formation is at 3,941’ and the perforated injection interval will be from 3,990’ to 5,180’. The producing formation is well established as demonstrated by the above cross section, and nearby offset well GJ West Coop Unit #206 (API# 30-015-36704) shows top of the Yeso at 3,980’ and the top of the underlying Tubb member at 5,320’.

Attachment 4

Water Well Map and Well Data



Legend

- Well Location
- Project Area

OSE PODs

Status

- Active (0)
- Pending (1)
- Change Location of Well (0)
- Capped (0)
- Plugged (0)
- Incomplete (0)
- Unknown (2)

Water Wells AOR Map

G J WEST COOP UNIT #212

Eddy County, New Mexico

Proj Mgr: Oliver Seekins	September 20, 2023	Mapped by: Ben Bockelmann

Prepared for: SPUR ENERGY PARTNERS

Prepared by: ALL CONSULTING

Water Well Sampling Rationale					
Spur Energy Partners LLC - GJ West Coop Unit #212					
Water Wells	**Owner**	**Available Contact Information**	**Use**	**Sampling Required**	**Notes**
RA -13305	Spur Energy Partners LLC	Braidy Moulder	MON	NO	This well is monitoring well and is not considered to be an active fresh water well.

Attachment 6

Signed - No Hydrologic Connection Statement

RE: Spur Energy Partners LLC – GJ West Coop Unit #212 – Gas Injection Pressure Maintenance application, Eddy County, New Mexico

ALL Consulting LLC (ALL) has performed a thorough hydrologic investigation related to the proposed conversion of the well listed above to gas injection into the Yeso Formation for pressure maintenance. The hydrologic investigation was conducted to determine if there were any existing or potential connections between the proposed injection intervals in the Yeso Formation and the deepest underground source of drinking water (USDW).

ALL performed an assessment and analysis of the subsurface geophysical log data along with published documents on the groundwater in this vicinity of Eddy County, New Mexico. Based on ALL's assessment and analysis there is containment through multiple confining zones above the Yeso Formation and the USDW and over 3,650 feet of vertical separation between the base of the USDW and the top of the injection interval. Additionally, there is no evidence of extensive faulting that would allow for communication between the USDW and the Yeso Formation.

September 26, 2023

Tom Tomastik

Date

Chief Geologist and Regulatory Specialist

ALL Consulting LLC

Attachment 7

List of Notice Recipients

Spur - GJ West Coop Unit 212 - Affected Persons						
Affected Party Classification	**Entity - Proof of Notice**	**Entity - As Mapped/Exhibited**	**Address**	**City**	**State**	**Zip Code**
Surface Owner / Mineral Owner	Commision of Public Lands - State Land Office	NMSLO	310 Old Santa Fe Trail	Santa Fe	NM	87501
Mineral Interest Owner	New Mexico Bureau of Land Management	BLM	620 E. Greene St.	Carlsbad	NM	88220
NMOCD District Office	New Mexico Oil Conservation District 2	N/A	506 W Texas	Artesia	NM	88210
Well Operator	Silverback Operating II, LLC	Silverback Operating II, LLC	19707 IH10 West, Suite 201	San Antonio	TX	78256
Well Operator	ROVER OPERATING, LLC	ROVER OPERATING, LLC	2024 W. 15th St.	Plano	TX	75075
Well Operator	LONGFELLOW ENERGY, LP	LONGFELLOW ENERGY, LP	8115 Preston Road	Dallas	TX	75225
Lessee	SEP Permian Holding Corporation	SEP Permian Holding Corp	9655 Katy Freeway Suit 500	Houston	TX	77024
Lessee	SEP Permian, LLC	SEP Permian LLC	9655 Katy Freeway Suit 500	Houston	TX	77024
Lessee	COG OPERATING LLC	COG Operating LLC	600 W Illinois Ave	Midland	TX	79701
Lessee	XTO HOLDINGS, LLC	XTO Holdings, LLC	810 Houston St.	Midland	TX	76102
Lessee	CHEVRON U S A INC	Chevron U S A Inc	6301 Deauville Blvd	Midland	TX	79706
Lessee	ZPZ Delaware I, LLC	ZPZ Delaware I LLC	2000 Post Oak Blvd., Suite 100	Houston	TX	77056
Lessee	CONOCOPHILLIPS COMPANY	ConocoPhillips Company	600 W. Illinois Avenue	Midland	TX	79701
Working Interest Owner	Maverick Permian LLC	Maverick Permian LLC	1000 Main Street, Suite 2900	Houston	TX	77002

Notes: The affected parties above received notification of this C-108 application.
Spur own 100% of the working interest for each Spur Energy Partners well located within the 0.5-mile AOR, with the exception of the Darner 9 State #002 well. As such, the working interest owners associated with this well have been provided notice.